

Course Title	Studies on International Environmental Issues
Registration Code	L100020001
Number of Credits	2
Years of Eligible Graduate Students	1-2
Semester	1st
Period	Thu. 3rd
Room	A5-204 (Nakamozu Campus, OPU)
Instructors	Ryohei Yokoyama, Koji Otsuka, Masao Sugiyama, Osamu Nakamura, Shinji Yamazaki and Mika Wakabayashi
Office hours	as needed
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Goals of the course	<p>Achievement goal is to acquire the following essential ability:</p> <ol style="list-style-type: none"> <li>1. to understand international environmental issues through learning environmental view due to the differences in history and culture in Japan and the world</li> <li>2. to learn the way of international cooperation and role of Japan through environmental issues mainly in the advancing countries.</li> <li>3. to understand the connection among administrative organizations, economic activities and environmental issues</li> </ol>
Textbooks	Printed reference materials will be distributed.
Books of reference	References will be specified in the class as needed.
Allied subject	Advanced Environmental Communication, Special Lecture for International Environmental Activity
Homework (Preparing for the classwork)	It is impossible to understand the contents of the lecture only in class hours nor radicate the understanding. Preparation is needed not only but review. You should confirm and prepare the distributed printed materials for contents described on "Class schedule", and investigate the contents which you could not understand in the class.
Course outline	<p>The purpose of this course is to foster the knowledge and skills necessary for understanding international environmental problems and international cooperation, and for transforming into socioeconomic systems with consideration for the environment, as one of the qualities to solve the present environmental problems and sustainability. The class contains following lectures;</p> <p>(1) Environmental view due to the differences in history and culture in Japan and the world; (2) Environmental problems centering on developing countries and efforts to solve them; (3) Response examples and direction to environmental issues in administrative organization and economical activities.</p>
Class schedule	<p>1st Sustainability and ability for designing and solving for system-inspired issues: Introduction of this course Additionally, think about the system-inspired skills to design and resolve the problems, necessary to realize sustainable society. (Otsuka)</p> <p>2nd Infection in Asia: Give an outline of infection existing in Asian country, but hardly existing in Japan, and think about infection prevention measures (Yamazaki)</p>

3rd	Change of living standards and environmental problems: How was our living going before huge changes, when the living changed through what kind of process, and consequently what kind of problems occurred? We discuss the environmental problems in the changes of our living. (Nakamura)
4th	Economic development and environmental problems in developing countries (1): outline on waste problems and cooperation for establishing a recycling-based society in developing countries. (Otsuka (examples of JICA))
5th	Economic development and environmental problems in developing countries (2): outline on agricultural environment problems and social development in developing countries. (Otsuka (examples of JICA))
6th	Economic development and environmental problems in developing countries (3): outline on cooperation to capability to respond for air pollution measures (capacity development). (Otsuka (examples of JICA))
7th	Educational approach to environmental problems and its international trend (1): outline on the ESD's effort aiming sustainable development as international trend of educational approach to environmental problems. (Wakabayashi)
8th	Educational approach to environmental problems and its international trend (2): Practice of ESD: we have workshop 2 as experience. (Wakabayashi)
9th	Examples of corporate efforts towards international environmental problems and the solutions (1): outline on corporate role for construction of a lower carbon society. (Yokoyama (examples of Osaka Gas))
10th	Examples of corporate efforts towards international environmental problems and the solutions (2): outline on the policies and the efforts of the industries for prevention of global warming and think about the future direction. (Yokoyama (examples of Osaka Gas))
11th	Examples of corporate efforts towards international environmental problems and the solutions (3): outline on the environmental consideration in corporate management and think about desired efforts. (Yokoyama (examples of Osaka Gas))
12th	Roll of environmental administration in international environmental problems (1): outline on environmental administration and its roll in local government (Yokoyama, examples of Research Institute of Environment, Agriculture and fisheries, Osaka Prefecture)
13th	Roll of environmental administration in international environmental problems (2): outline on international environmental cooperation by public-private partnerships and hold workshop about the environmental problems in foreign countries (Yokoyama, examples of Research Institute of Environment, Agriculture and fisheries, Osaka Prefecture)
14th	Environmental issues in Asian countries and Japan's involvement (1): think about how Japan and Asian countries are connected in the market economy and its global influence from the viewpoint of resource allocation. Additionally, think about national image and prejudice among countries. (Sugiyama)
15th	Environmental issues in Asian countries and Japan's involvement (2): outline on changes of nature-views and relationship with nature in japan (Sugiyama)

Evaluation	Considering achievement degree on achievement goal 1~3, result will be evaluated by attendance and short tests (50%), and reports (50%). Evaluation ratio for achievement goals 1~3 is 1. about 40%, 2. about 30% and 3. about 30%. Passes over 60 points (100 points perfect score).
Remarks	